

FEATURES		DEFINITION	
source		Baylor-HGSC project-TCBP	TCBAP1D2669 Pediatric pre-B cell acute lymphoblastic leukemia
/organism="Homo sapiens"		Baylor-HGSC project-TCBP	Homo sapiens cDNA clone TCBP2669, mRNA sequence.
/mol_type="mRNA"		BB244935	BB244935.1 GI:9096765
/clone="IMRG:5220208"			
/lab_host="DH10B (phage-resistant)"			
/note="Organ: 17mph; Vector: pMB7; Site_1: XbaI; Site_2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into ECORI/XbaI sites using the following 5' adaptor: GGCAGAGCAGG (G) Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH-MOC library."			
BASE COUNT	ORIGIN		
243 a	306 c	309 g	219 t
		1 others	
Query Match		37.0%	Score 592; DB 12; Length 1078;
Best Local Similarity		97.9%	Pred. No. 2.4e-126;
Matches		619;	Mismatches 10;
			Indels 3;
			Gaps 2;
QY	63	AGGGAGGCCCGCTCTGGCCCTCCAGAAATGAGCTCTCTCCAGAACTTCAGCT	122
Db	157	AAGGAGCCCGCTCTGGCCCTCCAGAACTTCAGCT	216.
QY	123	GTACCTCATGCTCCAGGGTTGGCAACCCCGAGGTTGACTTTTGCC-A	181
Db	217	GTACCTCATGCTCCAGGGTTGGCAACCCCGAGGTTGACTTTTGCC-A	276
QY	182	TCAGAGCTCCACCGTAGAGCTGGAGCTGGAGCTGGAGCTGGAGCTGGAG	241
Db	277	TCAGAGCTCCACCGTAGAGCTGGAGCTGGAGCTGGAGCTGGAGCTGGAG	336
QY	242	GTGCTGTGCTATGATGCTGGCTGAGAACAGACTACACAGTCAGGGAG	301
Db	337	GTGCTGTGCTATGATGCTGGCTGAGAACAGACTACACAGTCAGGGAG	396
QY	302	CTGGCGCACGGTTCCAGCTCAGTCCTCGCTGGTGAGTCGATACTGGATA	361
Db	397	CTGGCGCACGGTTCCAGCTCAGTCCTCGCTGGTGAGTCGATACTGGATA	456
QY	362	CCTTTGTGAACTGGCCGGCCACCTGTCTGGCTGAGGAGGAGATCT	421
Db	457	CCTTTGTGAACTGGCCGGCCACCTGTCTGGCTGAGGAGGAGATCT	516
QY	422	GACTGCCATGCCAGTACAGTCCTCCAGCTGGAGGAGGAGCTTTCAGTCACCCATG	481
Db	517	GACTGCCATGCCAGTACAGTCCTCCAGCTGGAGGAGGAGCTTTCAGTCACCCATG	576
QY	482	GTTGGCTTCTGGAGGGGGCGGAAACAGACCCATTTCAGTCACCCATG	541
Db	577	GTTGGCTTCTGGAGGGGGCGGAAACAGACCCATTTCAGTCACCCATG	636
QY	542	CCAGCCGCTCCAGATCACTCCAGGGCTCCAGAACACCACTCCAGTCAGTCAG	601
Db	637	CCAGCCGCTCCAGATCACTCCAGGGCTCCAGAACACCACTCCAGTCAGTCAG	696
QY	602	AACCATATACAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	661
Db	697	AACCATATACAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	756
QY	662	-GCTGGAGGTCCAGAAGGAAGTCGGCTT	691
Db	757	-GCTGGAGGTCCAGAAGGAAGTCGGCTT	788
BASE COUNT	ORIGIN		
108 a	147 a	160 g	93 t
Query Match		30.7%	Score 490.6; DB 10; Length 508;
Best Local Similarity		99.0%	Pred. No. 5.4e-103;
Matches		504;	Mismatches 0;
			Indels 1;
			Gaps 1;
QY	928	TCAGGCCGCCACCAACAGACAGTCAGTCAGTCAGTCAGTCAGTCAG	987
Db	1	TCAGGCCGCCACCAACAGACAGTCAGTCAGTCAGTCAGTCAGTCAG	60
QY	988	AGGGAGGAGGAGAACAGAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	1047
Db	61	AGGGAGGAGGAGAACAGAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	119
QY	1048	CTTCTCTGGAGAGCAGCCAGCTCTGGAGGCTCTGGAGGCTCTGGAGG	1107
Db	120	CTTCTCTGGAGAGCAGCCAGCTCTGGAGGCTCTGGAGGCTCTGGAGG	179
QY	1108	GGAGGCCAGGGCTCTCTGGAGGCTCTGGAGGCTCTGGAGGCTCTGGAGG	1167
RESULT 2	BB244935	508 bp	mRNA linear EST 03-OCT-2001
LOCUS			

FEATURES SOURCE	High quality sequence stop: 522. Location/Qualifiers 1. .836
REFERENCE	/organism="Homo sapiens" /mol_type="mRNA" /db_xref=taxon:9606 /clone="IMAGE:6300649" /tissue_type="lymphoma, cell line" /lab_host="DH10B(phage-resistant)" /clone_id="NR_MGC_99" /note="Organ: Lymph; Vector: pOTB7; site_1: XbaI; Site_2: ECORI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XbaI sites using the following 5' adaptor: GCGACGAG(G)I. Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH_MGC
BASE COUNT ORIGIN	185 a 223 c 240 g 186 t 2 others
Query Match Similarity 24.0%; Score 383.4; DB 13; Length 836; Matches 384; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
QY 804 CTGACTTTCCTGACACACACCTTGACACCTTGACGCCAGCACAGATCAGCCAGAGTC 863 Db 541 CAGGACTTCTGACACAGACACCTTGACGCCAGCACAGATCAGCCAGAGTC 482	
QY 864 GTGATGACTGTGTTCTGACACAGACACCTTGACGCCAGCACAGATCAGCCAGAGTC 923 Db 481 GTGATGACTGTGTTCTGACACAGACACCTTGACGCCAGCACAGATCAGCCAGAGTC 422	
QY 924 CGAGTCAGGCCAGCCACAACTGACAGAGATGGAGAACGCTTGAGGAGCAA 983 Db 421 CGAGTCAGGCCAGCCACAACTGACAGAGATGGAGAACGCTTGAGGAGCAA 362	
QY 984 GAGGAGGAGTAGGAGGAGGAGAGATGGAGAACGCTTGAGGAGCAA 1043 Db 361 GAGC 302	
QY 1044 CCTCTTCTGTCGGCAGAACGAGCTTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGC 1103 Db 301 CCTCTTCTGTCGGCAGAACGAGCTTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGC 242	
QY 1104 TCAAGGAGGCCAGGGCTCTGGCCAGGAAAGCTCTCTGCTGGATCTCA 1163 Db 241 TCAAGGAGGCCAGGGCTCTGGCCAGGAAAGCTCTCTGCTGGATCTCA 182	
QY 1164 GACAGAGCTGGSCACACTGTGG 1188 Db 181 GACAGAGCTGGSCACACTGTGG 157	
RESULT 5 BQ056204/c	
DEFINITION BQ056204	991 bp mRNA Homo sapiens cDNA clone IMAGE:5-MAR0505
ACCESSION BQ056204	5' mRNA Sequence.
VERSION BQ056204.1	EST: GI:19815544
KEYWORDS EST:	
SOURCE	Homo sapiens (human)
ORGANISM	Homo Sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
REFERENCE	1 (bases 1 to 991) NIH-MGC http://mgc.ncbi.nlm.nih.gov/
AUTHORS	National Institutes of Health, Mammalian Gene Collection (MGC)
TITLE	Unpublished
JOURNAL	Contact: Robert Straubberg, Ph.D.
COMMENT	Email: cgabbs-remail.nih.gov
FEATURES SOURCE	Tissue Procurement: Lou Straubert cDNA Library Preparation: Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LNU) DNA Sequencing by: Agencourt Bioscience Corporation Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LNU at: http://image.lnl.gov Plate: LNCM2052 row: k column: 02 High quality sequence stop: 645. Location/Qualifiers 1. .391
Query Match Similarity 23.9%; Score 381.8; DB 12; Length 991; Matches 383; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
QY 804 CTGACTTTCCTGACACACACCTTGACACCTTGACGCCAGCACAGATCAGCCAGAGTC 923 Db 541 CAGGACTTCTGACACAGACACCTTGACGCCAGCACAGATCAGCCAGAGTC 482	
QY 864 GTGATGACTGTGTTCTGACACAGACACCTTGACGCCAGCACAGATCAGCCAGAGTC 923 Db 481 GTGATGACTGTGTTCTGACACAGACACCTTGACGCCAGCACAGATCAGCCAGAGTC 422	
QY 924 CGAGTCAGGCCAGCCACAACTGACAGAGATGGAGAACGCTTGAGGAGCAA 983 Db 421 CGAGTCAGGCCAGCCACAACTGACAGAGATGGAGAACGCTTGAGGAGCAA 362	
QY 984 GAGGAGGAGTAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGC 302 Db 361 GAGC 242	
QY 1044 CCTCTTCTGTCGGCAGAACGAGCTTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGC 1103 Db 301 CCTCTTCTGTCGGCAGAACGAGCTTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGC 182	
QY 1104 TCAAGGAGGCCAGGGCTCTGGCCAGGAAAGCTCTCTGCTGGATCTCA 1163 Db 241 TCAAGGAGGCCAGGGCTCTGGCCAGGAAAGCTCTCTGCTGGATCTCA 182	
QY 1164 GACAGAGCTGGSCACACTGTGG 1188 Db 181 GACAGAGCTGGSCACACTGTGG 157	
RESULT 6 A0610898/c	
DEFINITION A0610898	476 bp DNA linear GSS 15-JUN-1999
LOCUS A0610898	HS_5105_A2_G06 SP6E RPCI-476 Human Male BAC library Homo sapiens
ACCESSION A0610898	genomic clone Plate=681 Col=12 Row=6; genomic survey sequence.
VERSION A0610898.1	GI:5072174
KEYWORDS GSS,	
SOURCE Homo sapiens (human)	
ORGANISM Homo sapiens	

RESULT 9
A0610868/c
LOCUS A0610868 541 bp DNA Linear GSS 15-JUN-1999
DEFINITION HS_5105_A2_D06_SP5E RPCI-11 Human Male BAC Library Homo sapiens genomic clone Plate=681 Col=12 Row=G, genomic survey sequence.
VERSION A0610868.1 GI:5072144
KEYWORDS GSS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
RFBREFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS 1 (bases 1 to 541)
Mahairas,G.G., Wallace,J.C., Smith,K., Swartzell,S., Holzman,T.,
Keller,A., Shaker,R., Furlong,J., Young,J., Zhao,S., Adams,M.D. and
Hood,L.
TITLE Sequencing-tagged connectors: A sequence approach to mapping and
scanning the human genome
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 96 (17), 9739-9744 (1999)
MEDLINE 99380589
PUBLISHED 1999-07-06
COMMENT Contact: Mahairas GG, Wallace JC, Hood L
High Throughput Sequencing Center
University of Washington
401 Queen Anne Avenue North, Seattle, WA 98109, USA
Fax: (206) 616-3887
Email: jwallace@u.washington.edu
Clones are derived from the human BAC library RPCI-11. For BAC library availability, please contact Pieter de Jong
(Pieter.deJong.med.buffalo.edu). Clones may be purchased from BAC/PAC Resources (http://bacpac.med.buffalo.edu/ordering_bac.htm) or from Research Genetics (<http://www.hgsc.washington.edu>). BAC end Web Server:
Plate: 681 row: G column: 12
Seq primer: SP6
Class: BAC ends
FEATURES source
High quality sequence stop: 541.
Location/Qualifiers
1. .541
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="Plate=681 Col=12 Row=G"
/sex="male"
/clone lib="RPCI-11 Human Male BAC Library"
/note="Vector: pBAC3.6, Site_1: EcoRI, Site_2: EcoRI;
Male blood DNA was isolated from one randomly chosen donor
and partially digested with a combination of EcoRI and
EcoRI Methylase. Size selected DNA was cloned into the
pBAC3.6 vector at EcoRI sites"
BASE COUNT 100 a 173 c 140 g 125 t 3 others
ORIGIN Query Match 21.8%; Score 348; DB 28; Length 541;
Best Local Similarity 87.3%; Pred. No. 5 66-70;
Matches 404; Conservative 0; Mismatches 56; Indels 3; Gaps 2;

RESULT 9
BU430530
LOCUS BU430530 358 bp mRNA linear EST 09-SEP-2002
DEFINITION UI-HP-BN0-aez-h-06-0-UI_r1 NIH_MGC_50 Homo sapiens cDNA clone IMAGE_3066106_5', mRNA Sequence.
VERSION BU430530.1 GI:22769017
KEYWORDS EST
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
RFBREFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS 1 (bases 1 to 358)
NIH-MGC <http://mgc.nci.nih.gov/>.
TITLE National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL unpublished
COMMENT Contact: Robert Strauberg, Ph.D.
Email: ccabbs@mail.nih.gov
Eco RI site shown at the beginning of the sequence.
Tissue Procurement: Louis M. Staudt, M.D., Ph.D.
cDNA Library Preparation: M.B. Soares Lab
cDNA Library Arrived by: M.B. Soares Lab
DNA Sequencing by: M.B. Soares Lab
Clone distribution: MGC Clone distribution information can be found through the I.M.A.G.E. Consortium/LINL at: www-bio.llnl.gov/bbrp/image/image.html
Seq primer: M13 Forward
Location/Qualifiers
1. .358
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE_3066106"
/tissue_type="lymph"
/cell_type="germinal center B cells"
/cell_line="MGCB5"
/lab_name="DIBS (LIT)"
/clone lib="NIH MGC 50"
/note="vector: pRT3-Pac; Site_1: NotI; Site_2: Eco RI;

